

Title (en)

SYSTEM FOR CLINICAL EFFECTS-BASED TARGETING OF NEUROSTIMULATION

Title (de)

SYSTEM FÜR KLINISCHE EFFEKTBASIERTE AUSRICHTUNG DER NEUROSTIMULATION

Title (fr)

SYSTÈME DE CIBLAGE DE NEUROSTIMULATION BASÉ SUR DES EFFETS CLINIQUES

Publication

**EP 3600529 B1 20230726 (EN)**

Application

**EP 18709851 A 20180222**

Priority

- US 201762476952 P 20170327
- US 2018019111 W 20180222

Abstract (en)

[origin: US2018272142A1] An example of a system for delivering neurostimulation may include a programming control circuit and a stimulation control circuit. The programming control circuit may be configured to generate stimulation parameters controlling delivery of the neurostimulation according to a stimulation configuration. The stimulation control circuit may be configured to specify the stimulation configuration, and may include volume definition circuitry and stimulation configuration circuitry. The volume definition circuitry may be configured to determine one or more test volumes, determine a clinical effect resulting from the one or more test volumes each being activated by the neurostimulation, and determine a target volume using the determined clinical effect. The stimulation configuration circuitry may be configured to generate the specified stimulation configuration for activating the target volume.

IPC 8 full level

**A61N 1/36** (2006.01); **A61B 5/00** (2006.01)

CPC (source: CN EP US)

**A61B 5/24** (2021.01 - US); **A61B 5/4836** (2013.01 - CN EP US); **A61B 5/6868** (2013.01 - CN EP US); **A61N 1/025** (2013.01 - CN US); **A61N 1/3605** (2013.01 - CN EP US); **A61N 1/36125** (2013.01 - CN US); **A61N 1/36128** (2013.01 - CN US); **A61N 1/36132** (2013.01 - CN EP US); **A61N 1/36135** (2013.01 - US); **A61N 1/36139** (2013.01 - CN EP US); **A61N 1/36146** (2013.01 - US); **A61N 1/36185** (2013.01 - CN US); **A61N 1/37241** (2013.01 - CN US); **G16H 20/40** (2018.01 - CN US); **A61B 5/24** (2021.01 - EP); **A61B 5/7435** (2013.01 - EP US); **A61N 1/0534** (2013.01 - US)

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